Index of Claims

| Application | on/Control | No. |
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10/687,528

Examiner

Lloyd A. Gall

Applicant(s)/Patent under Reexamination

EAST ET AL.

Art Unit

3676

| <b>√</b> | Rejected |
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| _        | Allowed  |

|   | _ | (Through numeral)<br>Cancelled |
|---|---|--------------------------------|
| i | · | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| _ | Interference |

| Α | Appeal   |
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| Cla       | aim      |  |          | Dat  | e  |                                   |          | Cla      | aim      |          |          |          | Date           |                    |               | ]  | C     | aim        |          |                 |          |          | Date     |          |          |          |
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|           | -        | 7/10/06  |          |  | $\prod$  |                                   |          |          | 7        | [        |          |          |                |                    |               |    |       | <u></u>    |          |                 |          |          |          |          | 1        |          |
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|           | 1        | V  |          |  |  |                                   |          |          | 51       |          |          |          |                |                    |               | ]  |       | 101        |          |                 |          |          |          |          | $\perp$  |          |
|           | 2        | II   |          |  |  |                                   |          |          | 52       |          |          | $\sqcup$ |                | $\perp$            |               | ]  |       | 102        | L        |                 |          |          | ┙        | $\perp$  | $\perp$  | $\perp$  |
|           | 3        | Ш  |          |  |  |                                   |          |          | 53       |          |          | Ш        |                |                    |               | ]  |       | 103        | L        | Ш               | _        |          |          |          |          | $\bot$   |
|           | 4        | Ш  |          |  | $\perp \perp$                                    |                                   |          |          | 54       |          | $\perp$  | Ш        |                | $oldsymbol{\perp}$ | $\perp$       |    |       | 104        | L        |                 |          |          |          | $\perp$  | $\perp$  | 丄        |
|           | 5        | Ш  |          |  | $\sqcup \bot$                                    | $\perp \perp$                     | _        |          | 55       |          | $\bot$   |          |                | $\bot$             |               | _  |       | 105        |          | Ш               | _        |          |          |          |          |          |
|           | 6        | Ш  |          |  | Ш.   | $\perp \!\!\! \perp \!\!\! \perp$ | _        |          | 56       |          |          | $\sqcup$ |                |                    |               | _  |       | 106        | _        | Ш               | _        |          |          |          |          | ╙        |
|           | 7        | Ш  |          | Ц.   | $\perp \perp$                                    | $\perp$                           | _        |          | 57       |          |          |          | _              | -                  |               | 4  |       | 107        | _        | Ш               |          | $\dashv$ | _        | _        | -        | 4        |
|           | 8        | Ш  |          | $oxed{oxed}$                                     | $oxed{oxed}$                                     |                                   |          |          | 58       |          |          | Ш        | _              | $\perp$            |               | 4  |       | 108        |          | Ш               |          |          | 4        | _        | _ _      | <u>↓</u> |
|           | 9        | 111  | _        | <u> </u>   | $\perp \perp$                                    | $\perp \perp$                     | _        |          | 59       |          | 4        | 1        | -              |                    | _             | 4  |       | 109        | _        | Ш               | _        | _        |          | _        | _        |          |
|           | 10       | $  \downarrow \downarrow  $                      |          |  |  | 44                                | _        |          | 60       | -        | +        | $\sqcup$ | $\dashv$       | +                  |               | 4  |       | 110        | <u> </u> | $\sqcup$        | _        |          | _        | _        | +        | +        |
| <u> </u>  | 11       | Щ  |          | - -  | <del>                                     </del> | $\dashv$                          | _ :::    | $\vdash$ | 61       | $\perp$  | <u> </u> | $\sqcup$ |                | +                  |               | 4  |       | 111        | <u> </u> | $\sqcup$        | _        | $\dashv$ | $\dashv$ | $\dashv$ | +        | +        |
| <u> </u>  | 12       | 4  |          | $\vdash \vdash$                                  | $\vdash$   | 4-4                               |          | $\vdash$ | 62       | $\vdash$ | _        | $\vdash$ | -              | +                  |               | 4  |       | 112        | $\vdash$ | $\vdash \vdash$ | _        | _        | $\dashv$ | +        | +        | +        |
|           | 13       |  | $\dashv$ | $\vdash \vdash$                                  | $\vdash$   | 44                                | _        | $\vdash$ | 63       | $\perp$  | +        | ⊢        | -              | +-                 |               | 4  | ļ     | 113        | $\vdash$ | $\vdash \vdash$ | _        | _        | -        | _        | +        | +        |
|           | 14       | 4,   |          |  | +  | +                                 |          |          | 64       |          | +        |          | $\dashv$       | +                  | - -           | 4  |       | 114        | ├        | ┝╌┥             |          |          |          | -        | +        |          |
|           | 15       | V  |          | $\vdash$   |  | $\dashv$                          |          |          | 65       | +        | +        | $\vdash$ | -              | +                  | -             | -  |       | 115        | -        | $\vdash$        |          |          | +        | +        | +        |          |
|           | 16       | ╁  | $\dashv$ | <del>                                     </del> | <del>                                     </del> |                                   |          | $\vdash$ | 66       | -        |          |          |                | +                  | _             | -  |       | 116<br>117 | $\vdash$ | $\vdash \vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | +        | +        | +        |
| <u> </u>  | 17       | 1  |          |  |  | +                                 | -        | <u> </u> | 67       |          | - -      | $\vdash$ |                | +                  |               | -  |       |            | $\vdash$ | $\vdash\vdash$  | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +        | +        |
| <u> </u>  | 18       |  | -        | $\vdash$   | -  | $\dashv$                          |          | $\vdash$ | 68       |          | —        | $\vdash$ |                | +                  |               | -  |       | 118<br>119 | ├-       | Н               | $\dashv$ |          | -+       | $\dashv$ | -        |          |
|           | 19       | 의  |          |  |  |                                   |          | $\vdash$ | 69       |          | +-       | ↤        |                | +                  |               | -  |       | 120        | <u> </u> | H               | -        | $\dashv$ | +        | +        | +        | +        |
|           | 20       | H  |          | $\vdash\vdash$                                   | $\vdash$   | +                                 | -        |          | 70       | -        | +-       | $\vdash$ |                | +                  |               | -  |       |            |          | $\vdash$        |          |          |          | +        | +        | +-       |
|           | 21       | Н  | -        | $\vdash\vdash$                                   | ├  | +                                 |          |          | 71<br>72 |          |          | $\vdash$ | +              | +                  |               | -  |       | 121<br>122 | -        | -               |          | $\dashv$ | $\dashv$ | +        | +-       | +        |
|           | 22       | <del>                                     </del> |          | <del>                                     </del> |  | +                                 |          | $\vdash$ | 73       | +        | +-       | $\vdash$ | -              | +                  | -             | -  |       | 123        | <u> </u> | $\vdash$        |          | -        | -+       | +        | +        |          |
|           | 23       | <del>  } </del>                                  | +        | $\vdash\vdash$                                   | ┼┼   | +-+                               |          |          | 74       | +        | +        | $\vdash$ |                | +-1                |               | -  |       | 123        | -        | $\vdash$        | $\dashv$ | $\dashv$ | +        | +        |          | +        |
|           | 24<br>25 | <b>V</b>   | -        |  | $\vdash$   | +-+                               |          | $\vdash$ | 75       |          | +        | ↤        |                |                    | _             | -  |       | 125        | ├        | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | ┰        |          | +        |
| _         | 26       | ╁╌╂  |          | -  | $\vdash$   | +-+                               | $\dashv$ |          | 76       |          | ┿        | ╌        | -+-            | ┪                  |               | -  |       | 126        | ⊢        | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +        | +        |
|           | 27       | ╁┼   |          | $\vdash\vdash$                                   | $\vdash$   |                                   | -        | -        | 77       | $\dashv$ | +        | $\vdash$ | -+-            | +                  | _             | ┨  |       | 127        | ├-       | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | 十        |          | ╌        |
| <b></b> - | 28       | ╁┼   |          | $\vdash \vdash$                                  | <del>   </del>                                   | +++                               | -        |          | 78       | $\dashv$ | ╁        | $\vdash$ | $\dashv$       | +                  |               | 1  |       | 128        | ├─       | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | +        | +        | +        |
|           | 29       | $\vdash$   | +-       | $\vdash$   | <del>    </del>                                  | +                                 |          |          | 79       | +        |          | $\vdash$ | +              | +                  |               | ┨  |       | 129        | -        | H               | $\dashv$ | $\dashv$ | -+       | +        | +        | +-       |
| -         | 30       | $\vdash$   | +-       | $\vdash$   | $\vdash$   | +                                 | -        | $\vdash$ | 80       | $\dashv$ | +        |          | $\dashv$       | ╅                  | $\dashv$      | 1  |       | 130        |          |                 | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +-       |
|           | 31       |  | +-       | $\vdash$   | <del>   </del> -                                 | ++                                | $\dashv$ | $\vdash$ | 81       |          | +        | $\vdash$ | +              | +                  | _             | 1  |       | 131        | -        | $\vdash$        | $\dashv$ | -        | $\dashv$ | $\dashv$ | _        | ╅        |
|           | 32       |  | _        | ╫  | $\vdash$   | ╅                                 | -        | $\vdash$ | 82       | +        | +-       |          | →-             | +                  | +             | 1  |       | 132        |          | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | +        | +        | ╁        |
| -         | 33       |  | _        | -  | $\vdash$   | $\dashv \dashv$                   | -        |          | 83       |          | +        | $\vdash$ | $\dashv$       | + 1                | $\top$        | 1  |       | 133        | $\vdash$ | $\vdash$        | 寸        | $\dashv$ | $\dashv$ | 十        | _        | +-       |
|           | 34       | $\vdash$   | +        | $\vdash\vdash$                                   | $\vdash$   | ++                                |          |          | 84       | $\dashv$ | _        | $\vdash$ | $\dashv$       | +                  |               | 1  |       | 134        | Н        | H               | $\dashv$ | -        | $\dashv$ | $\dashv$ | +        | +        |
|           | 35       | 1-1  | $\neg$   | $\vdash$   |  | ++                                | $\dashv$ |          | 85       | $\dashv$ | $\top$   |          | $\neg$         | 1-1                | $\dashv$      | 1  |       | 135        | $\vdash$ | H               | $\dashv$ | $\dashv$ | 一        | 十        | $\top$   | $\top$   |
|           | 36       |  | $\dashv$ | +  |  | ++                                | $\dashv$ |          | 86       | $\dashv$ | +        | $\Box$   | $\dashv$       | +                  | _             | 1  |       | 136        | $\vdash$ | H               |          | 寸        | 十        | $\dashv$ | +        | 1        |
| <b></b>   | 37       |  | $\dashv$ | $\vdash$   | - -  | 1-1                               | -        |          | 87       | $\dashv$ | $\top$   | $\Box$   | $\neg +$       | ++                 | $\neg$        | 1  |       | 137        |          | H               |          |          | $\dashv$ | 十        | 十        | $\top$   |
| _         | 38       | $\dagger \dagger$                                | $\dashv$ | 1  | $\vdash$   | ++                                | 7111     |          | 88       | $\dashv$ | $\top$   | $\Box$   | $\dashv$       | 11                 | $\dashv$      | 1  |       | 138        | П        | $\sqcap$        | $\dashv$ | $\neg$   | $\dashv$ | 十        | $\top$   | $\top$   |
|           | 39       | $\vdash$   | $\dashv$ | $\vdash$   |  | 1-1                               | 7        |          | 89       | $\dashv$ | 十        |          | $\neg \dagger$ | 11                 | $\dashv$      | 1  |       | 139        |          | Н               | 寸        | $\dashv$ | $\dashv$ | 十        | 十        | +        |
|           | 40       | $\vdash$   | 十        | $\vdash$   |  | 11                                | 7        |          | 90       | $\dashv$ | $\top$   | П        |                | 十十                 | $\neg$        | 1  |       | 140        | П        | П               | $\dashv$ | $\dashv$ | $\neg$   | $\top$   | 十        | 1        |
|           | 41       | $\vdash$   | $\top$   |  |  | ++                                |          | $\Box$   | 91       | $\top$   | $\top$   | $\sqcap$ | $\neg$         | 十十                 | $\dashv$      | 1  |       | 141        |          | $\vdash$        | $\neg$   | _        | $\neg$   | 十        | 十        | 1        |
|           | 42       | 1-1  | $\top$   | $\Box$   |  | $\top$                            |          |          | 92       | _ -      | 1        | $\Box$   |                | 1                  | $\neg \vdash$ | 1  |       | 142        |          | $\sqcap$        |          | $\neg$   | $\neg$   | $\dashv$ | $\top$   | $\top$   |
|           | 43       | $\sqcap$   | $\neg$   |  |  | ++                                | -        | $\Box$   | 93       | $\dashv$ | 1        | П        | _ -            | $\top$             | $\dashv$      | 1  |       | 143        |          |                 | $\dashv$ | $\neg$   | $\dashv$ | $\top$   | 十        | 1        |
|           | 44       |  |          |  |  | $\top$                            | 7        |          | 94       |          | 1        | $\sqcap$ | $\neg \vdash$  | 1                  | $\neg$        | 1  |       | 144        |          | $\sqcap$        | ヿ        | _        | 十        | $\dashv$ | $\top$   | $\top$   |
|           | 45       |  |          |  |  | 7-1                               | 7        |          | 95       |          | 1        | $\sqcap$ |                | 11                 |               |    |       | 145        |          |                 | $\neg$   | 一        | T        | $\neg$   | 丁        | $\top$   |
|           | 46       | $\Box$   |          |  |  | 77                                | 7        |          | 96       |          | 1        | П        | $\neg \vdash$  | 1                  |               | 1  |       | 146        |          |                 | 一        | $\dashv$ | T        | $\dashv$ | 丁        | $\top$   |
|           | 47       |  |          |  | $\sqcap$   | 11                                | 7        |          | 97       | 1        | 1-       | $\Box$   |                | $\top$             |               | 1  |       | 147        |          | $\Box$          | ┪        | 7        | T        | $\dashv$ | $\top$   | $\top$   |
|           | 48       |  |          |  |  | 11                                |          |          | 98       | $\dashv$ | $\top$   | П        | $\neg$         | 77                 | $\top$        | 1  |       | 148        |          | $\sqcap$        | $\neg$   | $\neg$   | 丁        | $\neg$   | 7        | $\top$   |
|           | 49       | $\Box$   | $\top$   |  |  | 11                                |          |          | 99       | $\neg$   | 1        | $\Box$   | _              | $\top$             | _ _           | 1  |       | 149        |          | $\Box$          | 7        | 寸        | 丁        | 十        | 十        | 1        |
|           | 50       |  |          |  | $\vdash$   | 11                                |          |          | 100      | $\dashv$ |          | $\sqcap$ | $\neg$         | $\top$             | $\top$        | 1  |       | 150        |          |                 | $\neg$   | 7        | $\dashv$ | 十        | $\top$   | $\top$   |
|           |          |  |          |  |  |                                   |          | Щ.       | .00      |          |          |          | —-             |                    |               | J( |       | , , , , ,  |          |                 |          |          |          |          |          |          |